

Figure 1: Audience Measurement System

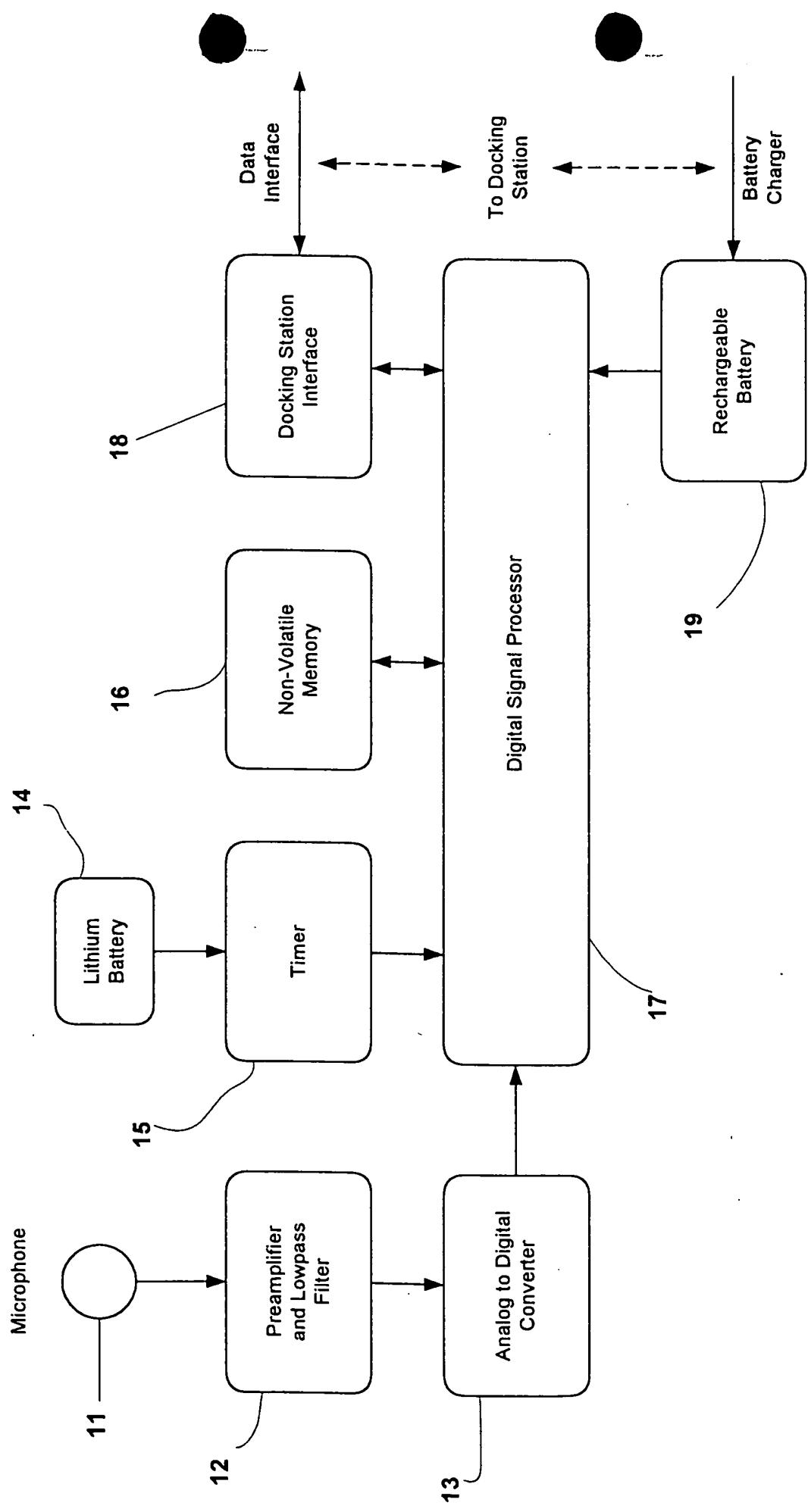


Figure 2: Portable Monitor Unit

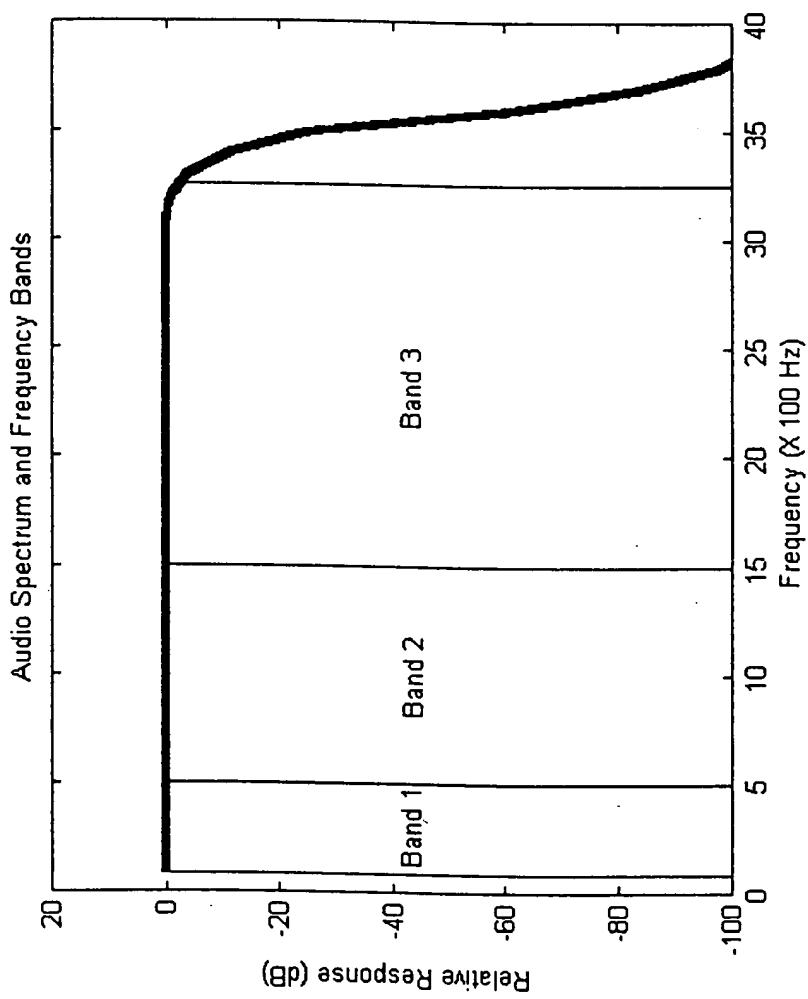


Figure 3: Audio Frequency Bands

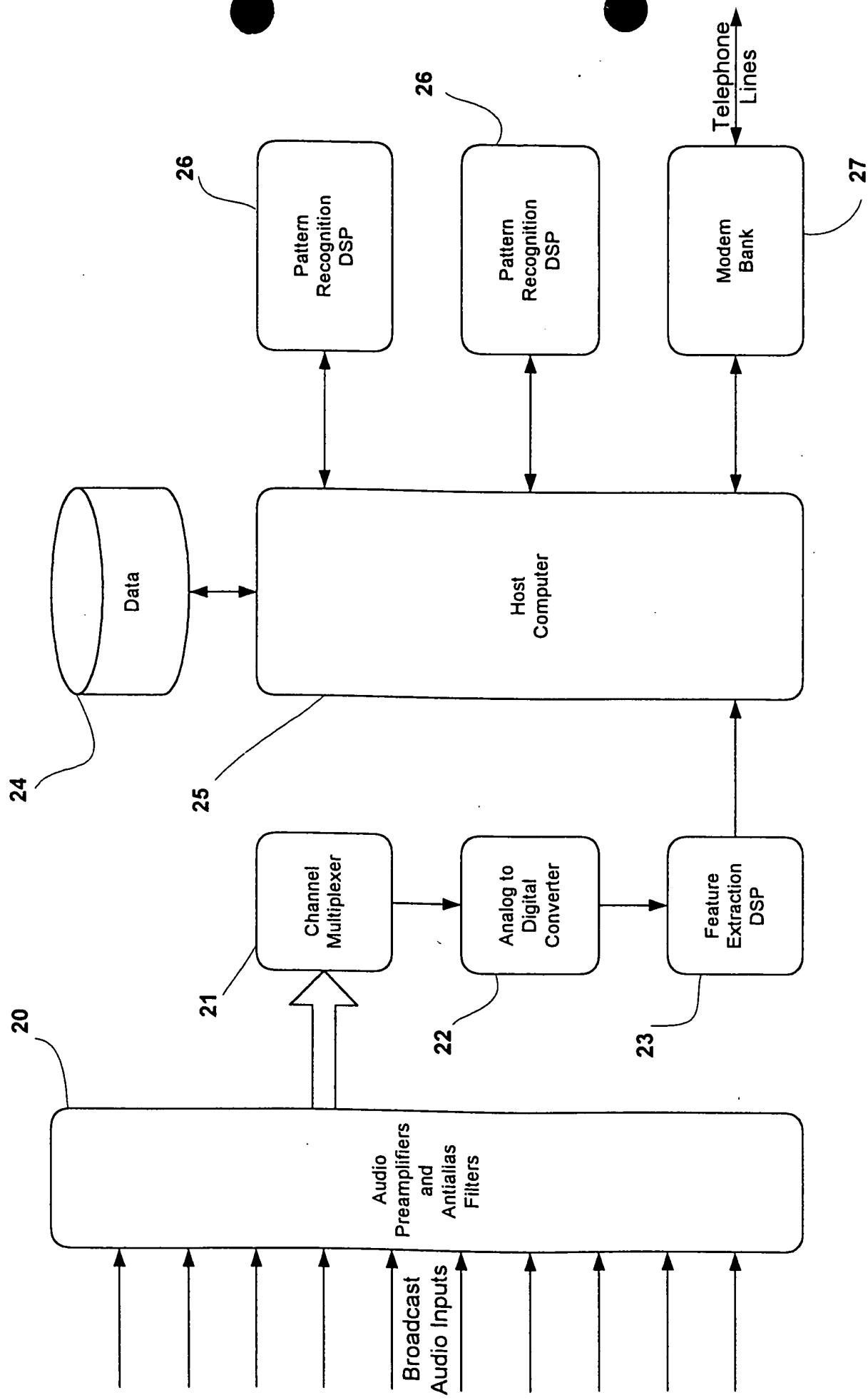


Figure 4: Central Computer System

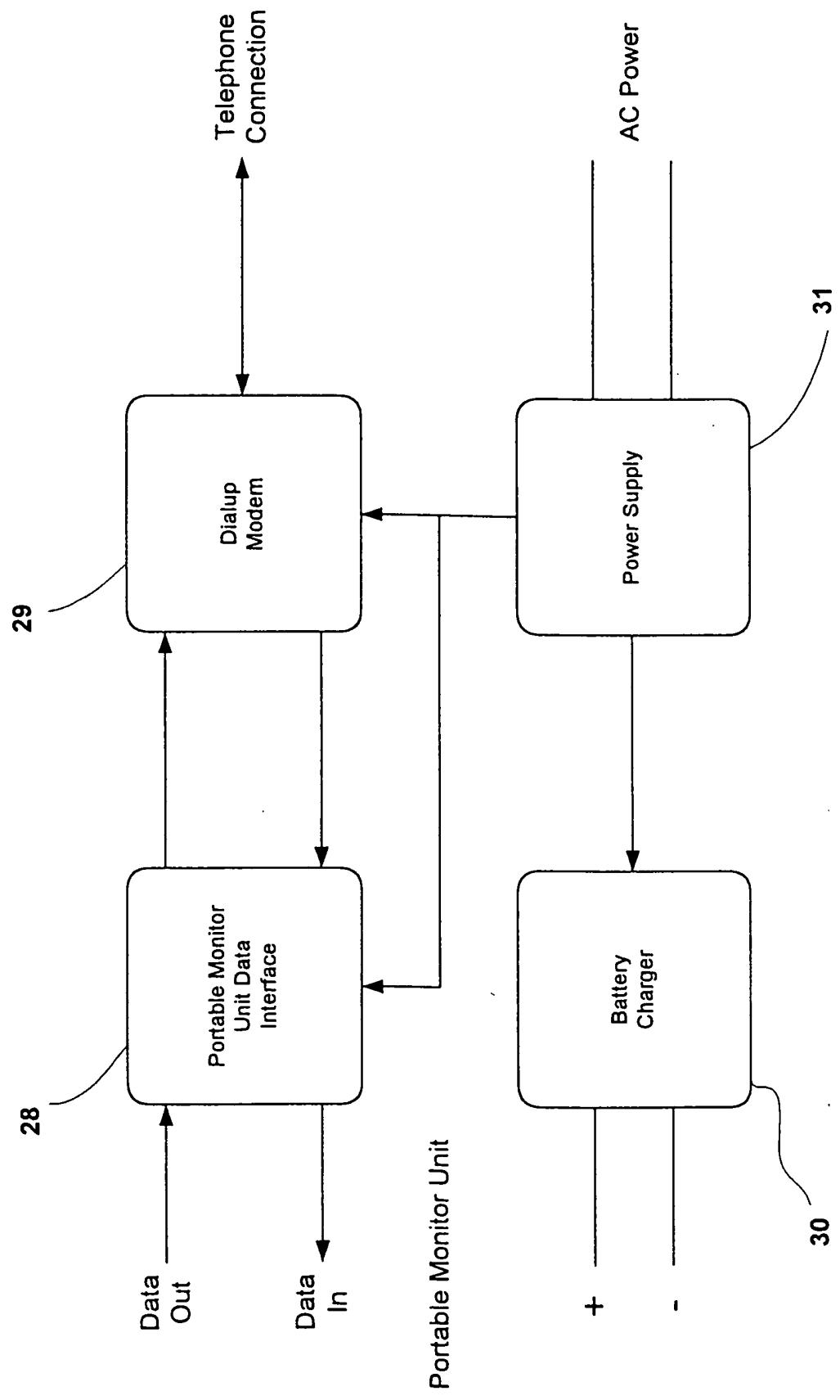


Figure 5: Portable Monitor Unit Docking Station

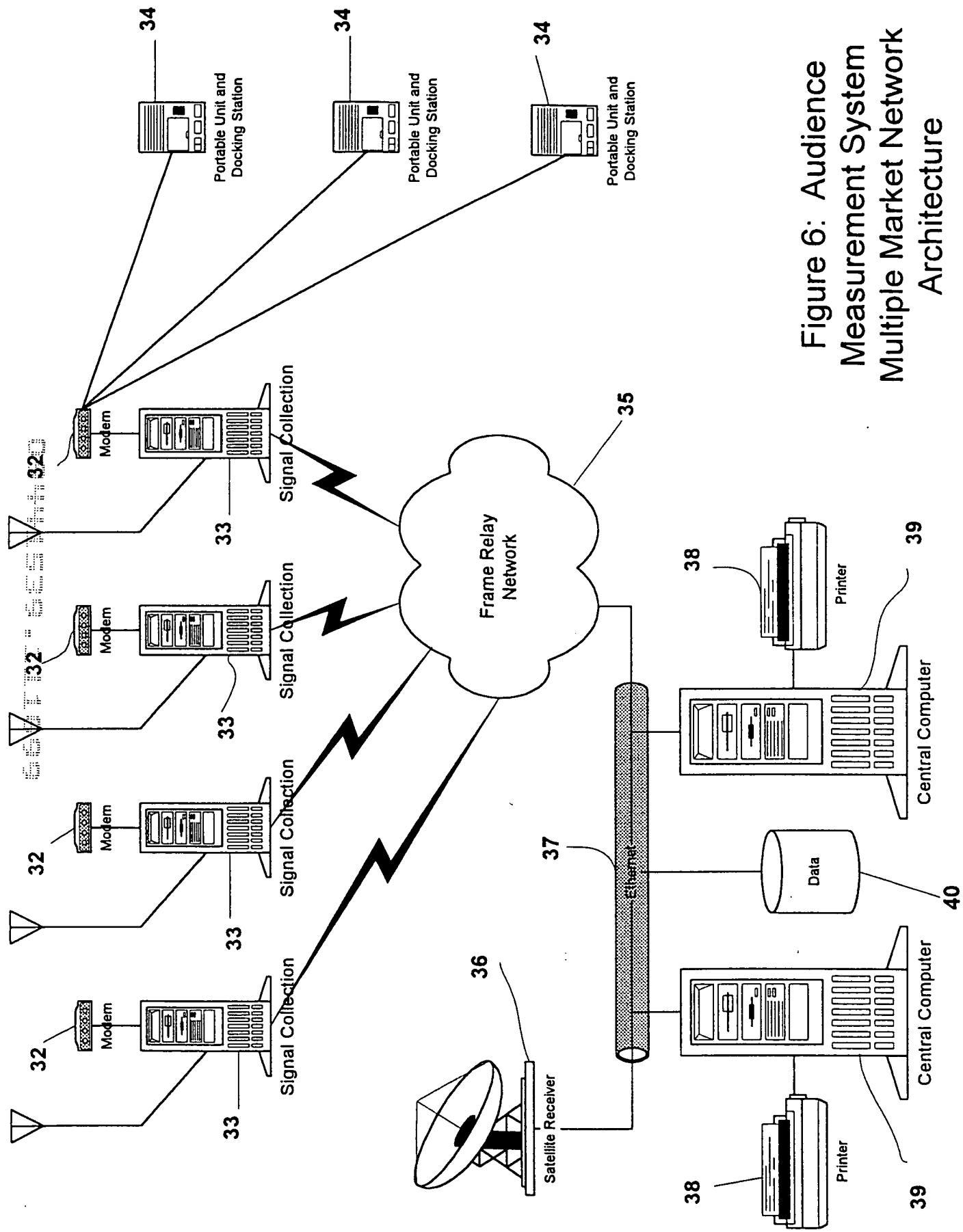


Figure 6: Audience Measurement System Multiple Market Network Architecture

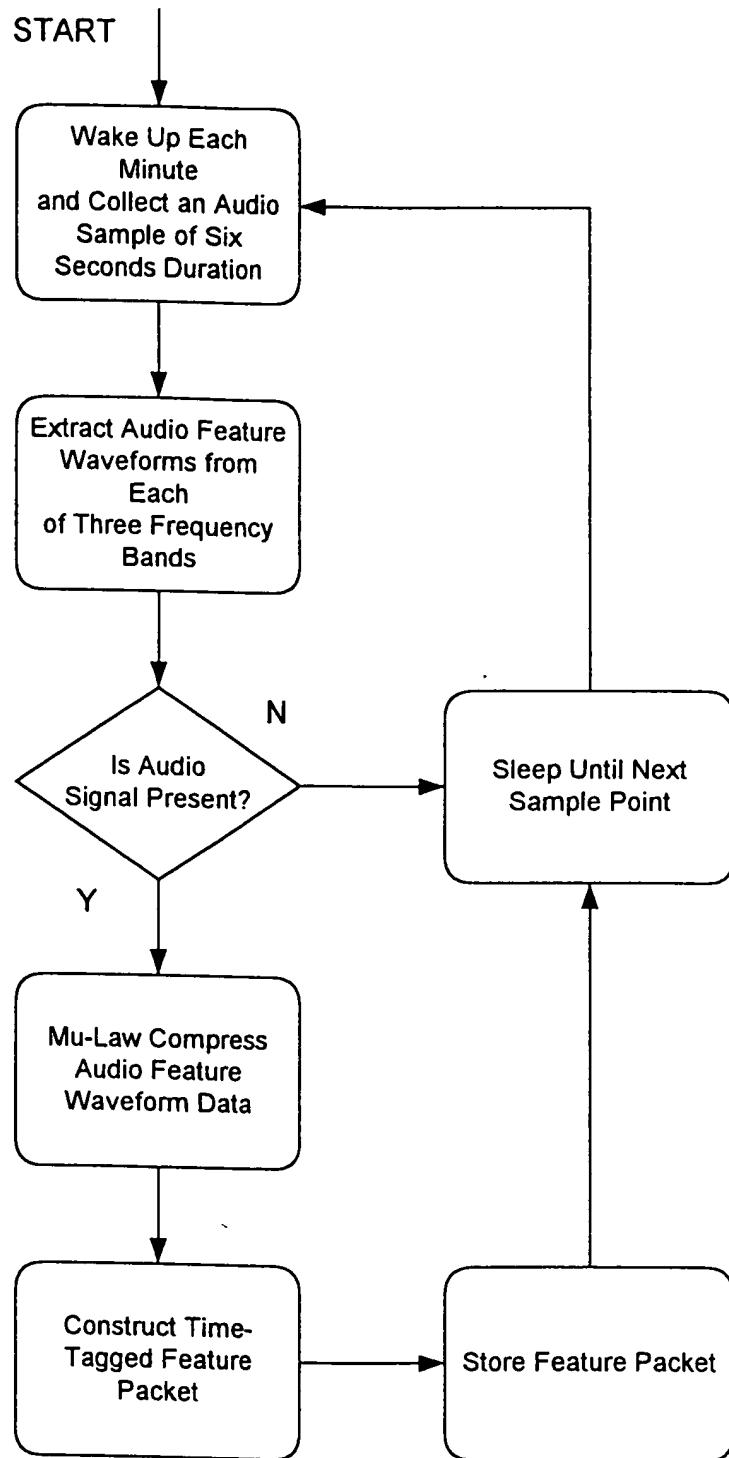


Figure 7: Portable Monitoring Unit
Audio Signal Acquisition Strategy

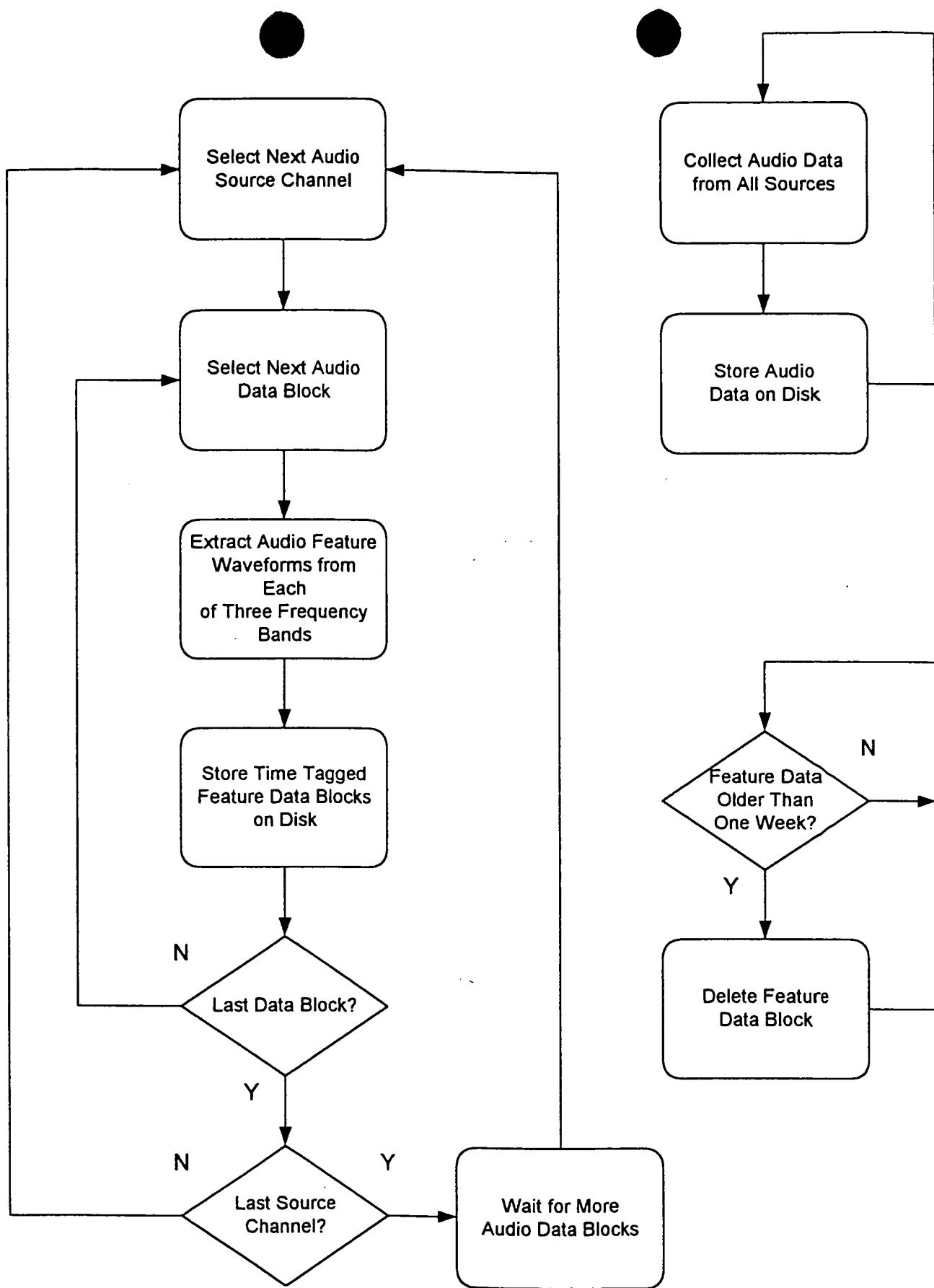


Figure 8: Central Computer Feature Extraction and Storage

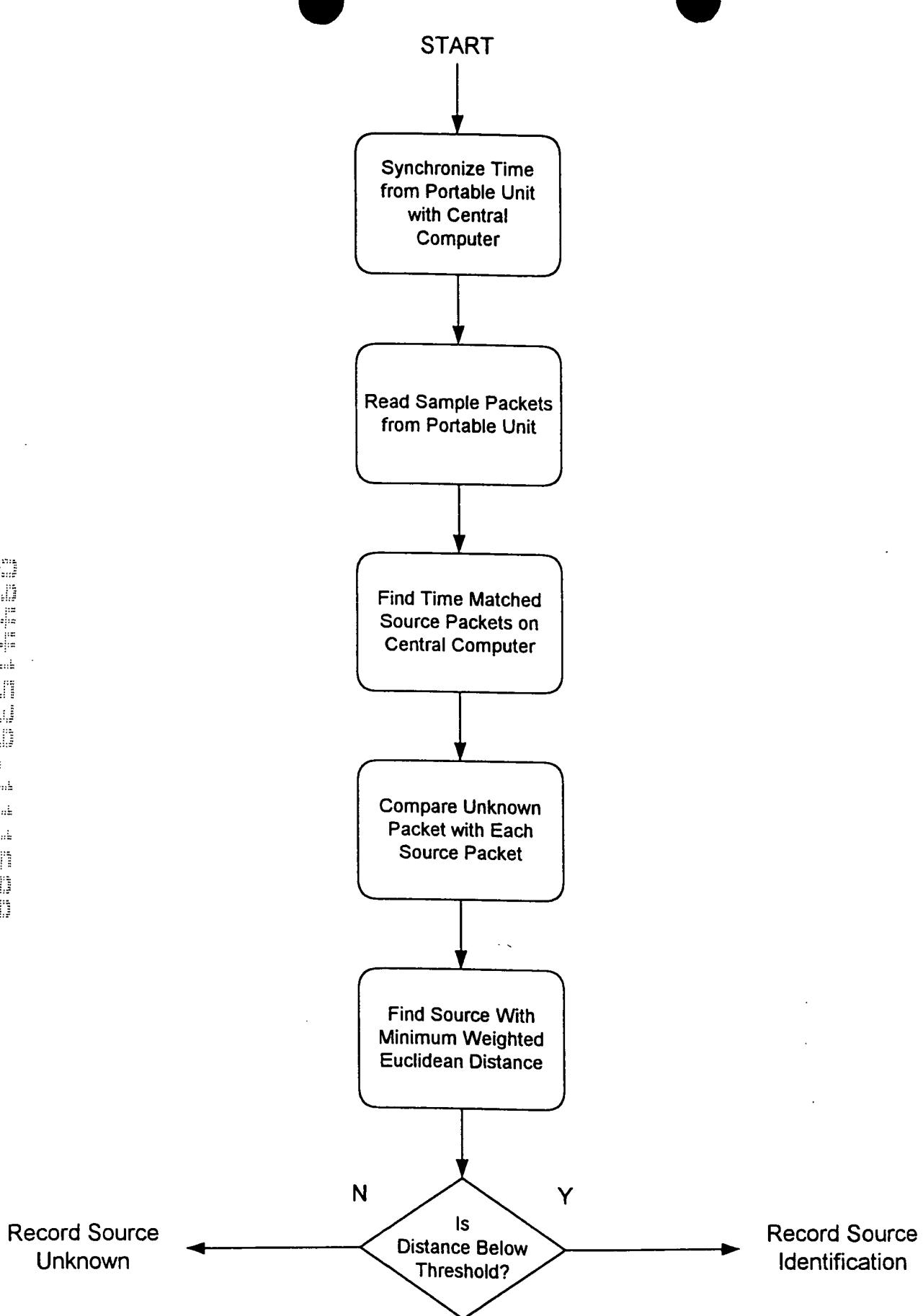


Figure 9: Unknown Packet Identification Procedure

00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F

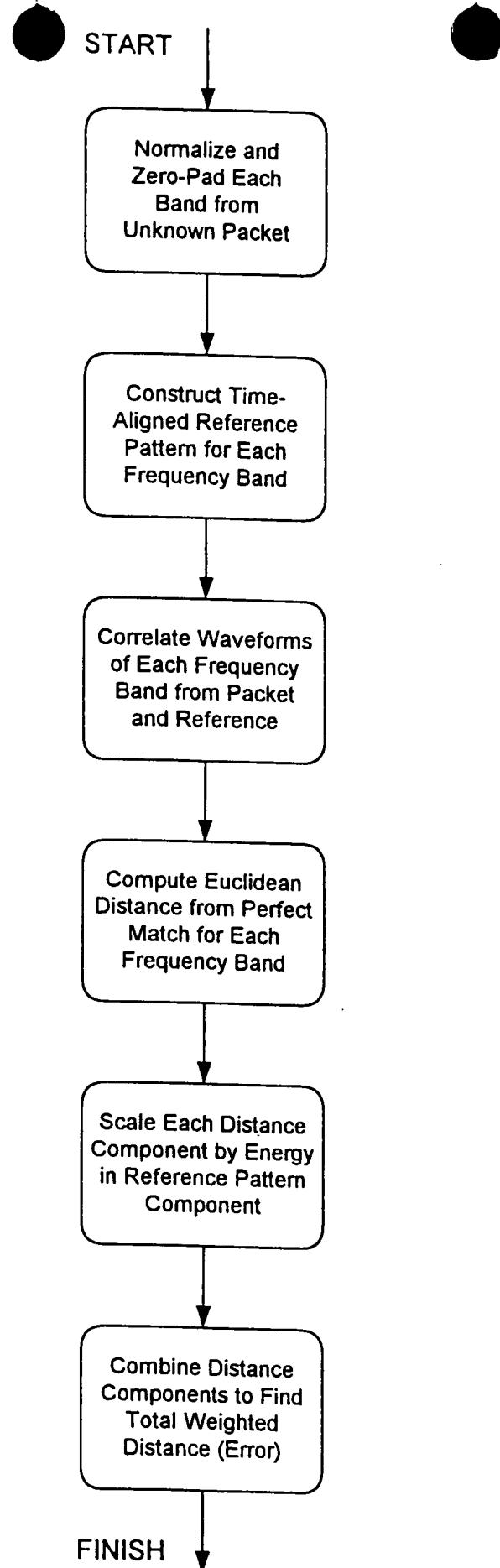


Figure 10: Simplified Pattern Matching Procedure

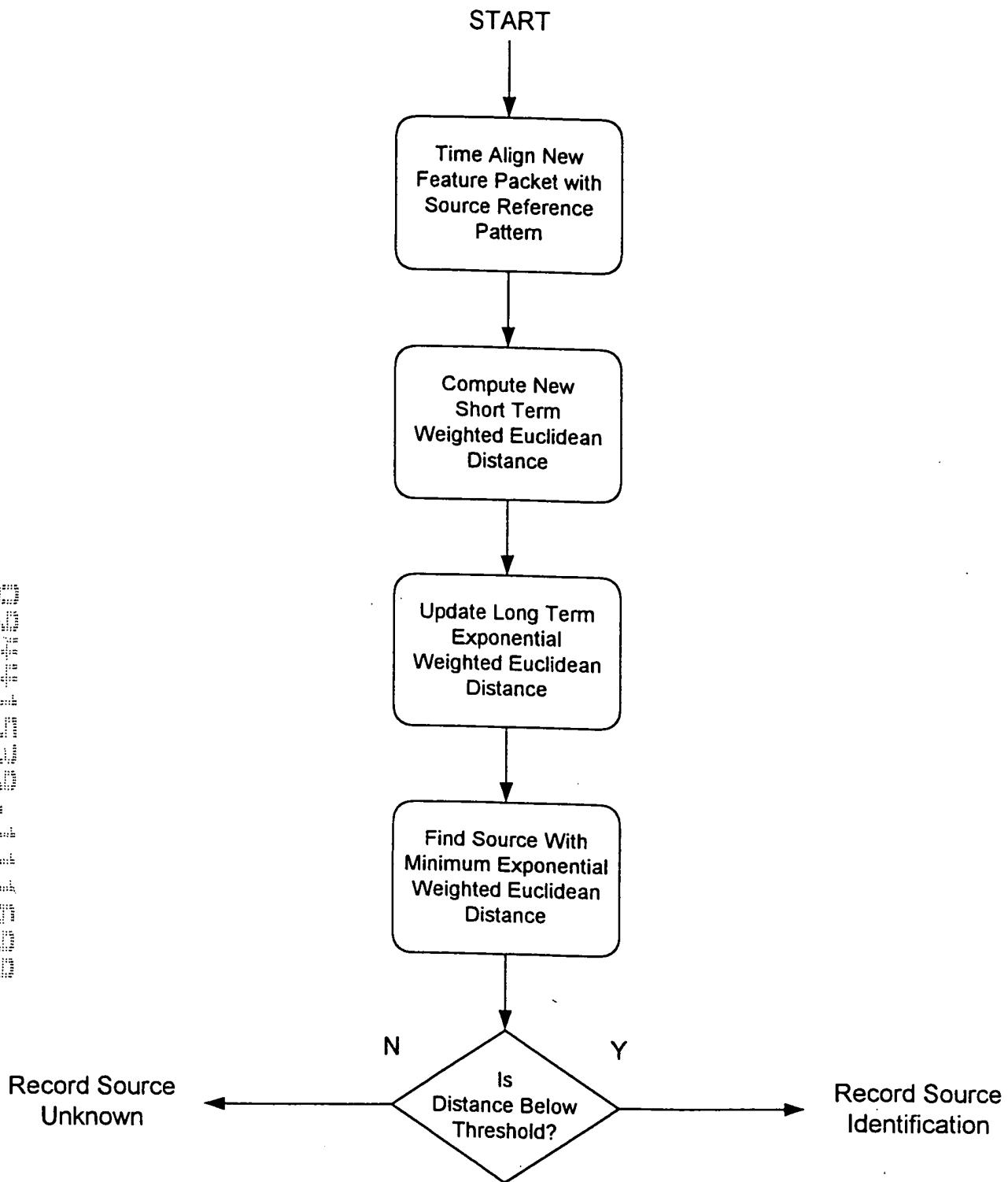


Figure 11: Predecision Exponential Averaging of Weighted Distances